

### AMENDMENTS TO THE CLAIMS

The following listing of claims will replace all prior versions, and listing of claims in the application. For the Examiner's convenience, a complete listing of all claims, incorporating the amendments made herein, is attached as Appendix A.

#### Listing of Claims:

12. (Previously Presented) A method for lowering serum cholesterol in humans comprising administering to a human the combination of an essentially non-absorbable very high molecular weight sulfated polysaccharide having less than about 5.0 wt. percent of sulfated polysaccharides having a molecular weight less than 75,000 Daltons and containing less than 0.5 weight percent of inorganic sulfate and a second compound that reduces serum cholesterol levels wherein the high molecular weight sulfated polysaccharide is prepared by sulfating a very high molecular weight polysaccharide with a sulfur containing compound at a temperature less than about 20° C.
13. (Original ) The method of claim 12 wherein the second compound is at least one cholesterol synthesis blocker.
14. (Original ) The method of claim 13 wherein the cholesterol synthesis blocker is lovastatin.
15. (Original ) The method of claim 12 wherein the second compound is an inhibitor of ACAT.
16. (Original ) The method of claim 12 wherein the sulfated polysaccharide is sulfated cellulose.

17. (Previously Presented) A method for lowering serum cholesterol in humans comprising administering to a human the combination of an essentially non-absorbable very high molecular weight sulfated cellulose having less than about 5.0 wt. percent of sulfated cellulose having a molecular weight less than 75,000 Daltons and containing less than 0.5 weight percent of inorganic sulfate and lovastatin wherein the high molecular weight sulfated polysaccharide is prepared by sulfating a very high molecular weight polysaccharide with a sulfur containing compound at a temperature less than about 20° C.